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OF DRAWINGS  
Attorney Docket No: P-LJ 5037

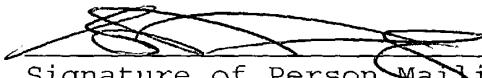
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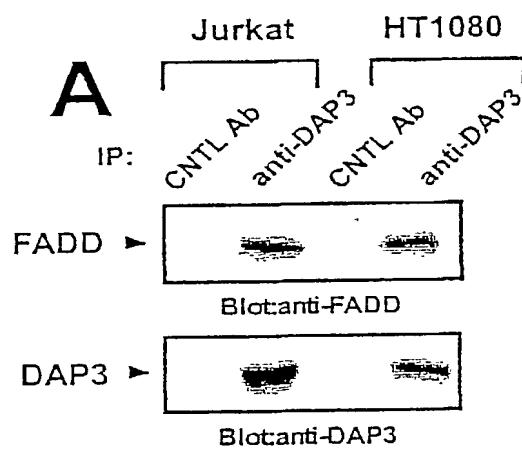
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Sean P. Dewey  
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Signature of Person Mailing Paper or Fee

Title NOVEL DEATH DOMAIN PROTEINS  
Inventors Reed et al  
Serial No. 10/001,254  
Filing Date: November 15, 2001  
Attorney Docket: P-LJ 5037  
USPTO Customer No 23601 (858-535-9001)

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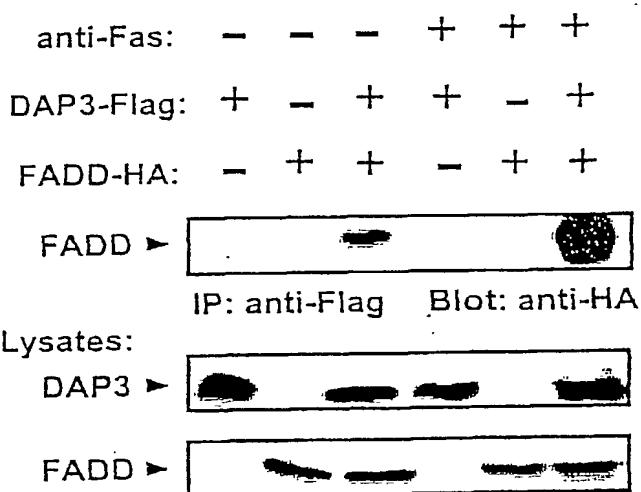


**FIGURE 1A**

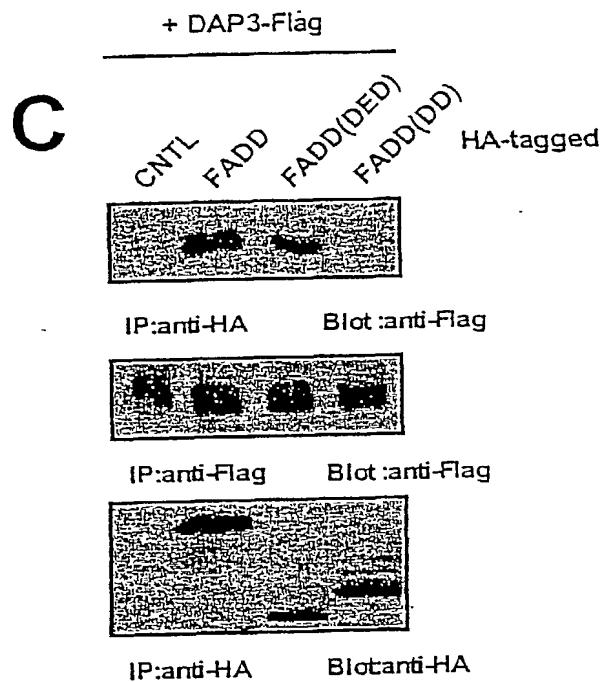
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Inventors: Reed et al  
Serial No.: 10/001,254  
Filing Date: November 15, 2001  
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USPTO Customer No. 23601 (858-535-9001)

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**B**



**FIGURE 1B**



**FIGURE 1C**

Title: NOVEL DEATH DOMAIN PROTEINS  
Inventors Reed et al  
Serial No. 10/001,254  
Filing Date November 15, 2001  
Attorney Docket P-LJ 5037  
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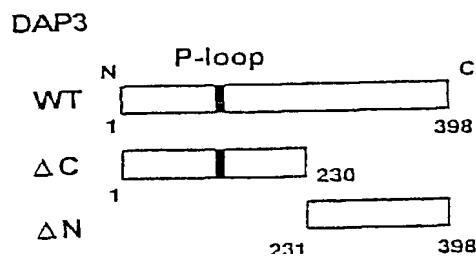
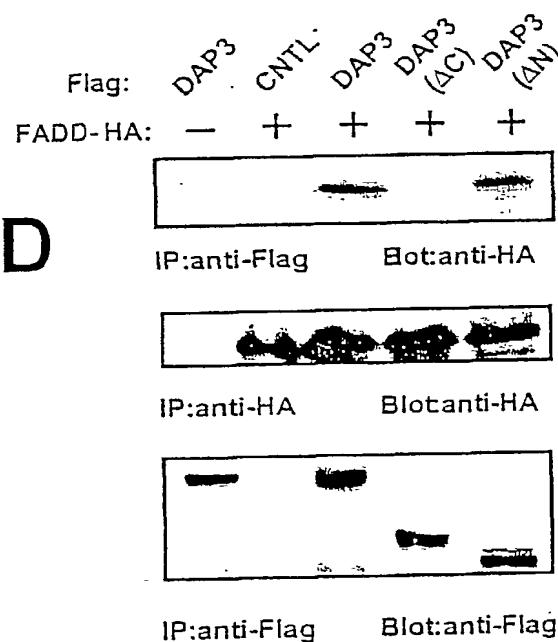


FIGURE 1D

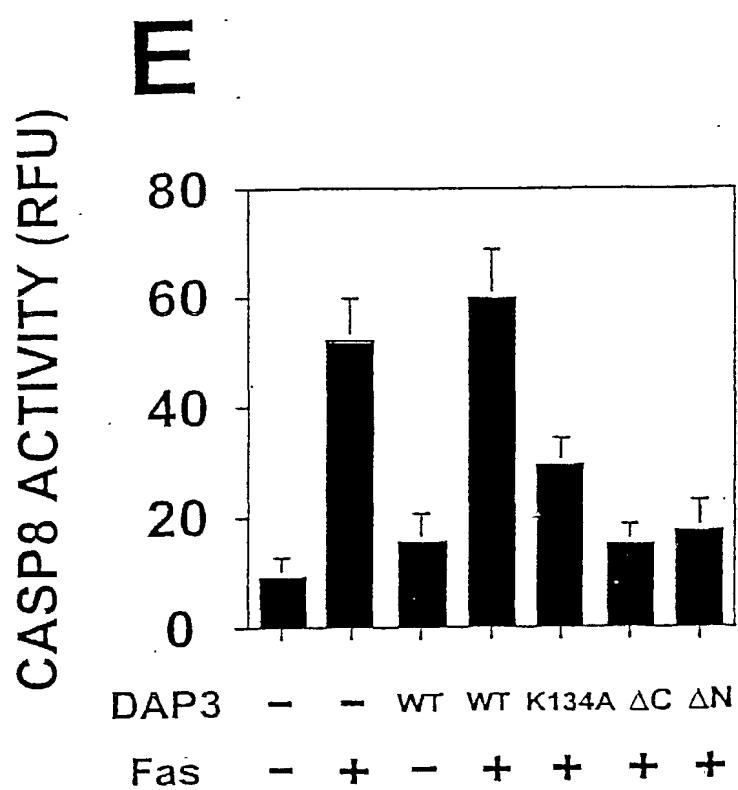


FIGURE 1E

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F

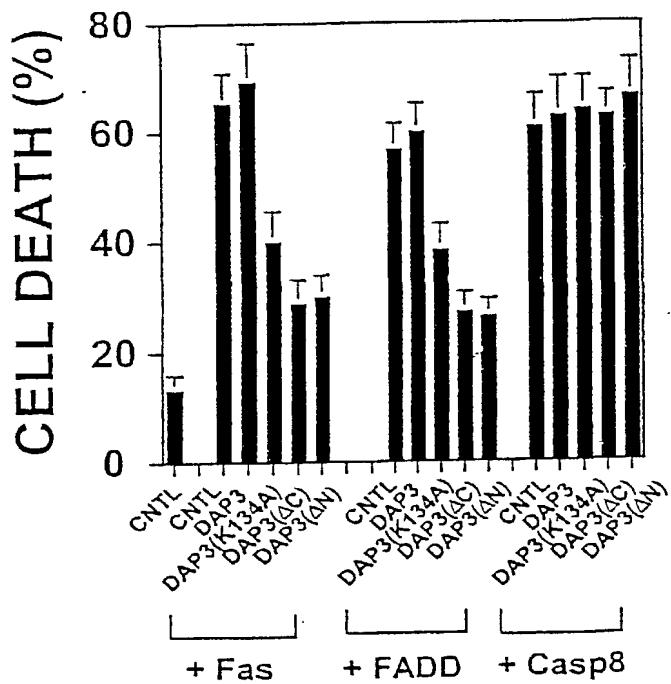


FIGURE 1F

Title: NOVEL DEATH DOMAIN PROTEINS  
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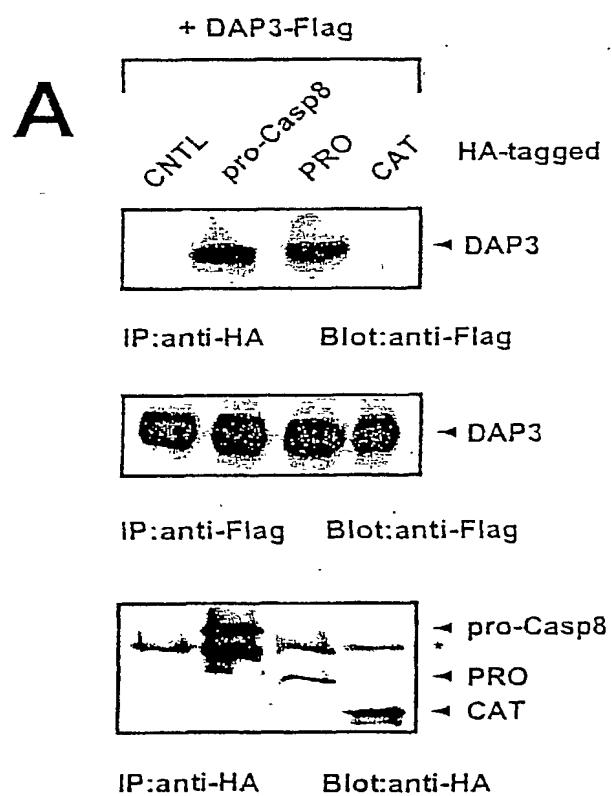


FIGURE 2A

Title: NOVEL DEATH DOMAIN PROTEINS

Inventors: Reed et al.

Serial No.: 10/001,254

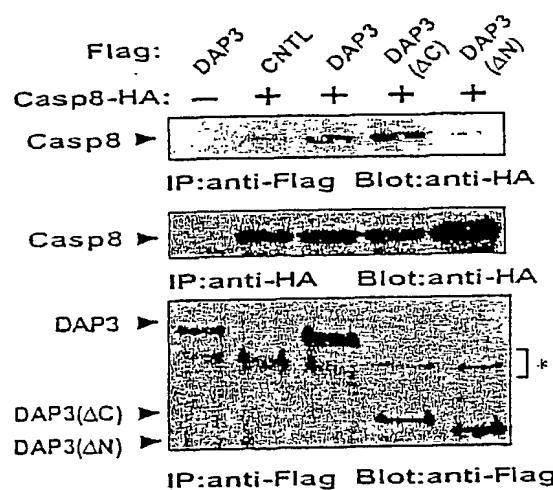
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**B**



**FIGURE 2B**

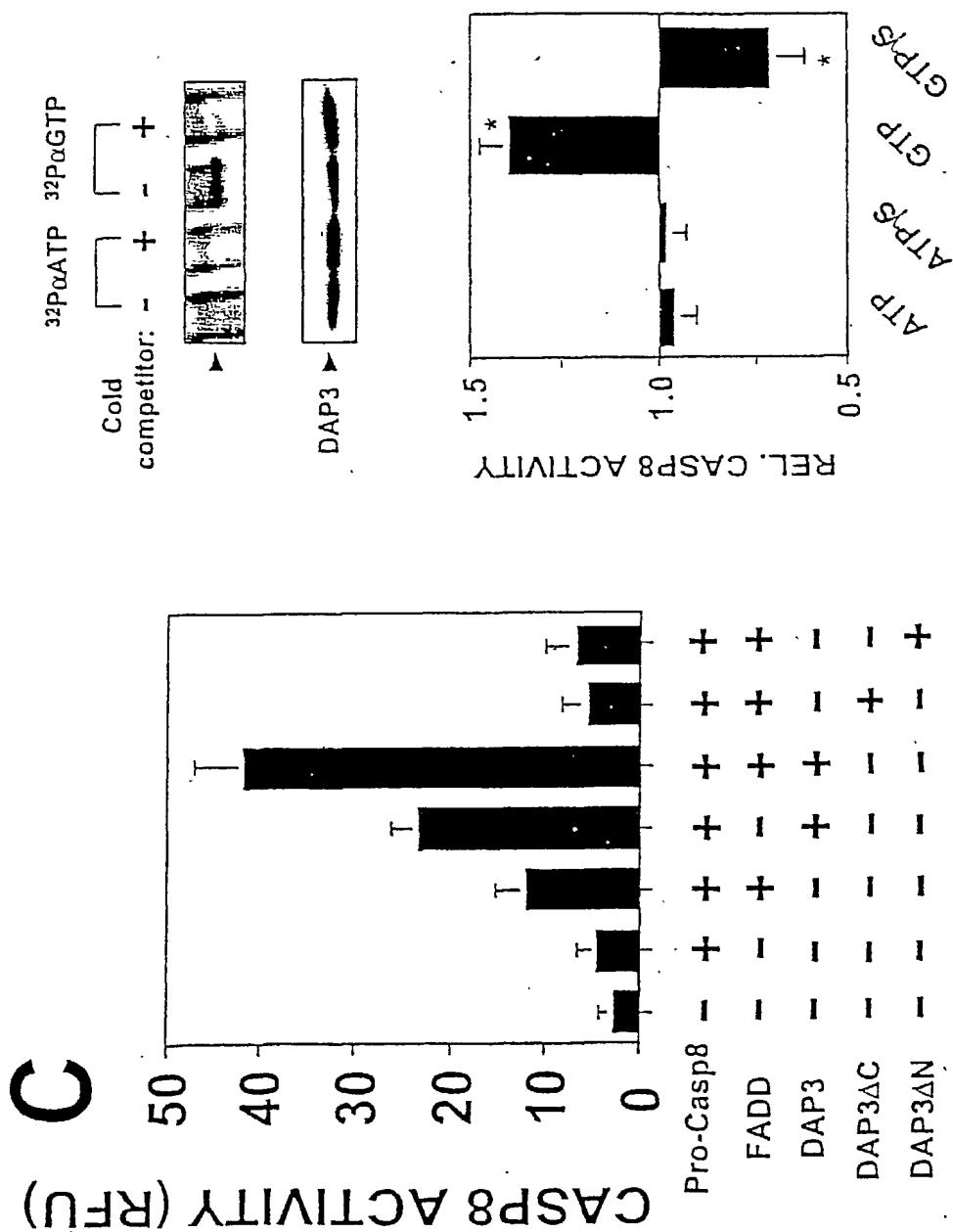


FIGURE 2C

Title: NOVEL DEATH DOMAIN PROTEINS  
Inventors Reed et al  
Serial No 10/001,254  
Filing Date November 15, 2001  
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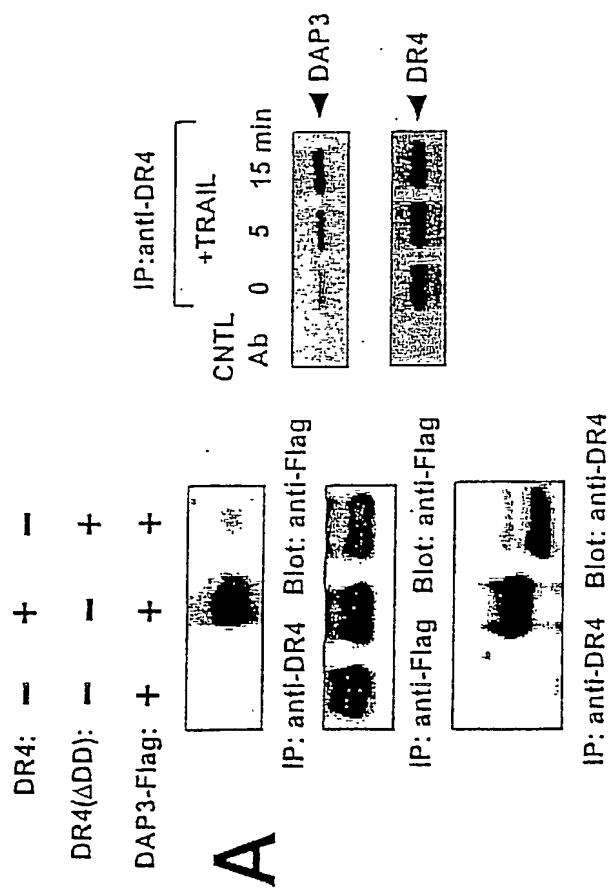


FIGURE 3A

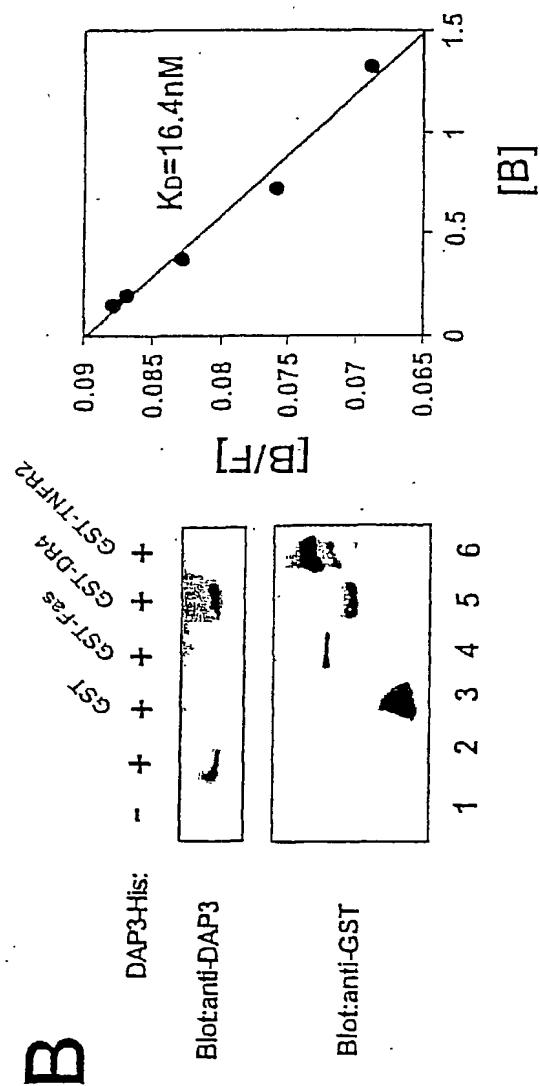


FIGURE 3B

Title: NOVEL DEATH DOMAIN PROTEINS  
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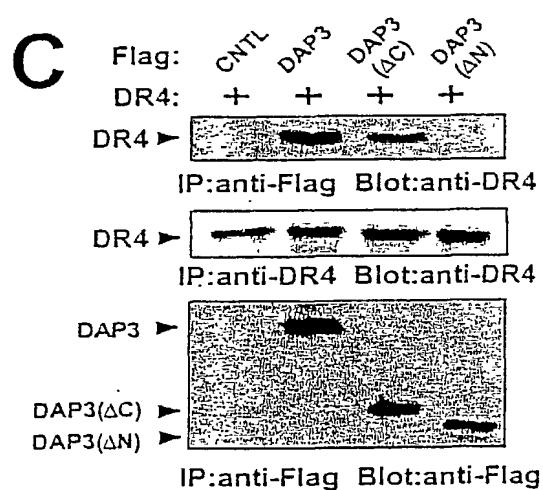


FIGURE 3C

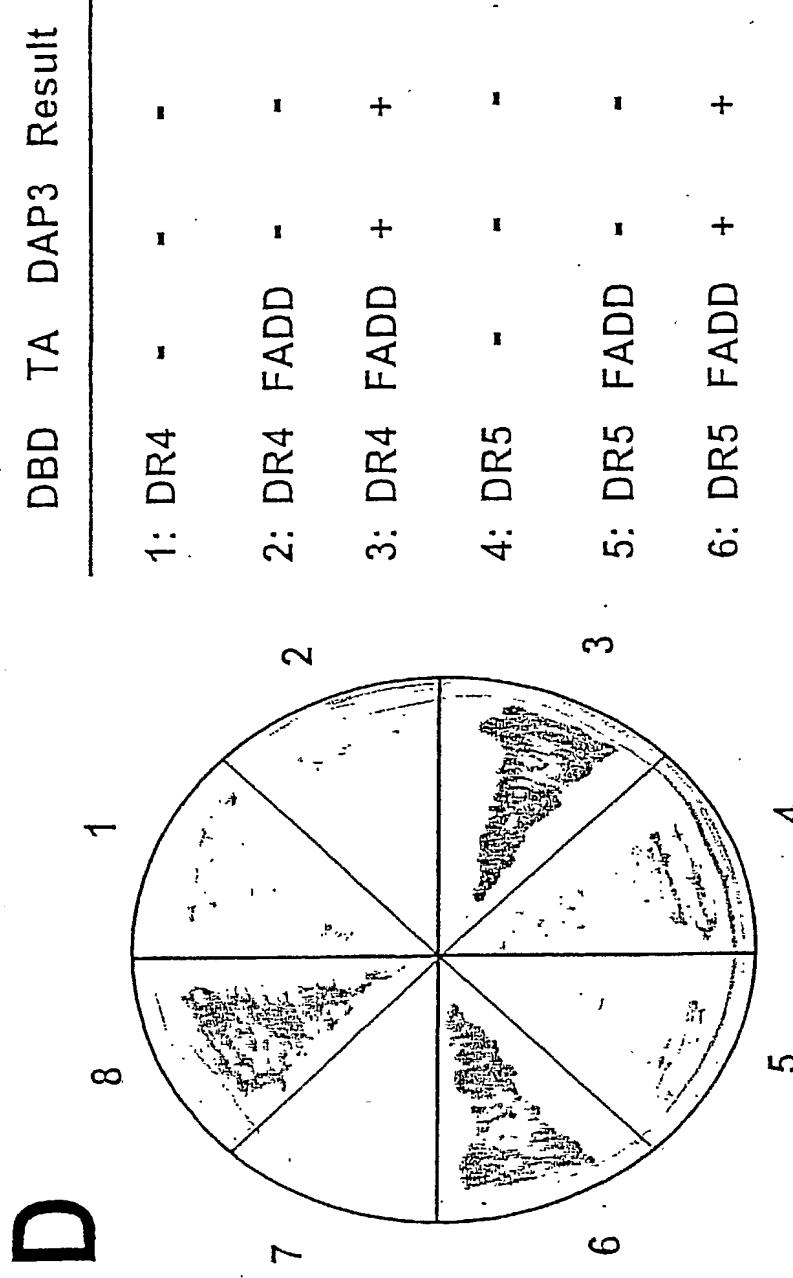


FIGURE 3D

E

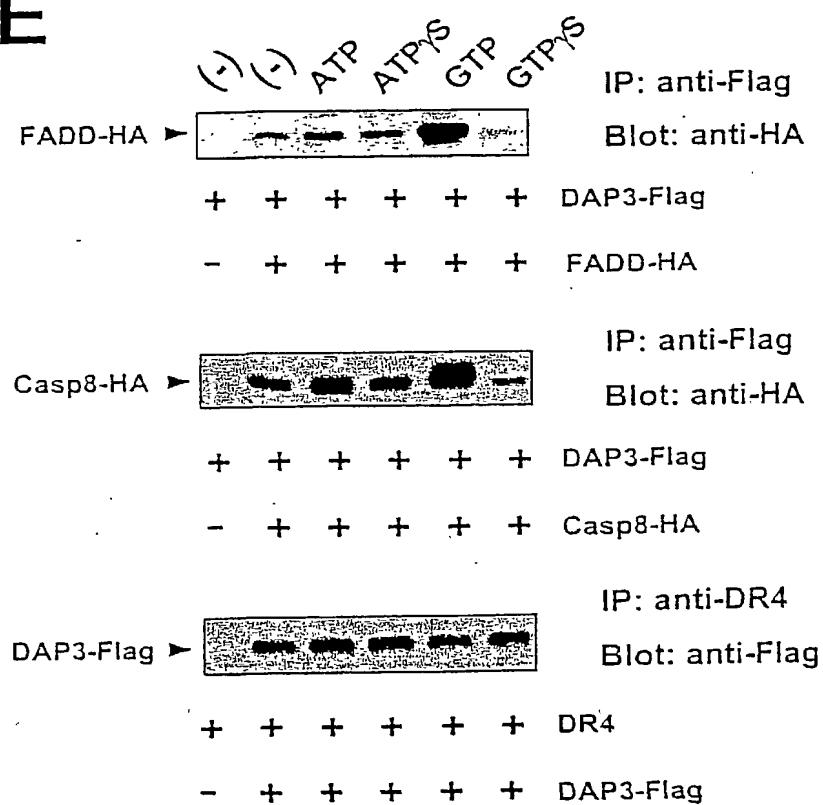


FIGURE 3E

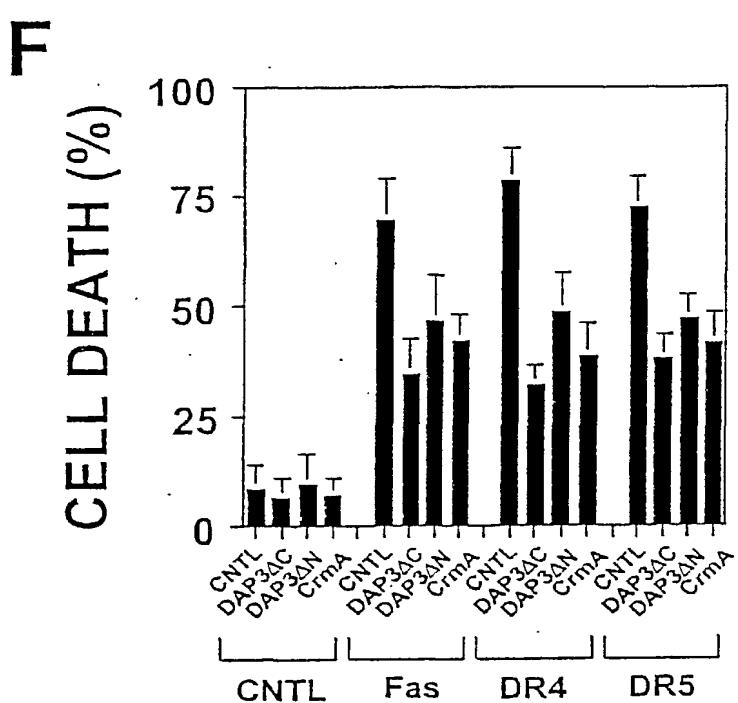


FIGURE 3F

G

DAP3  
agtccctcga ctcacgtgca aggatgtgc tgaaaggaata

antisense 1

antisense 2

antisense 3

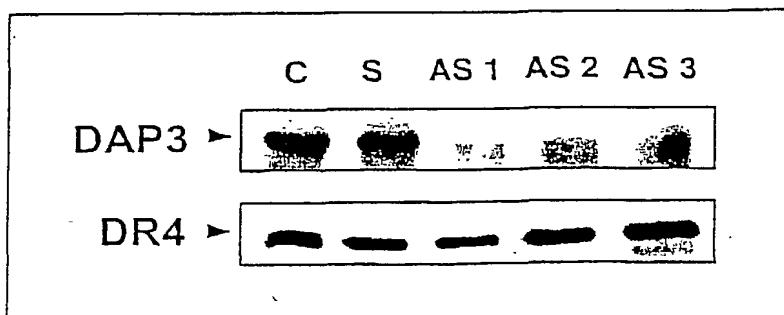
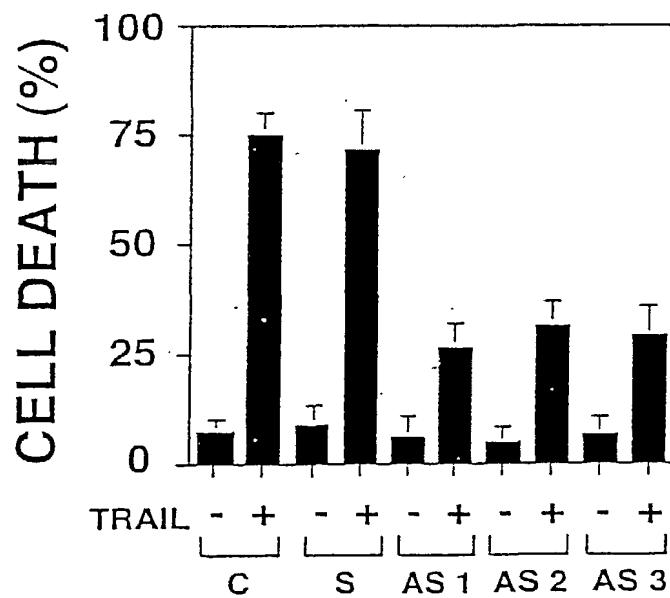


FIGURE 3G

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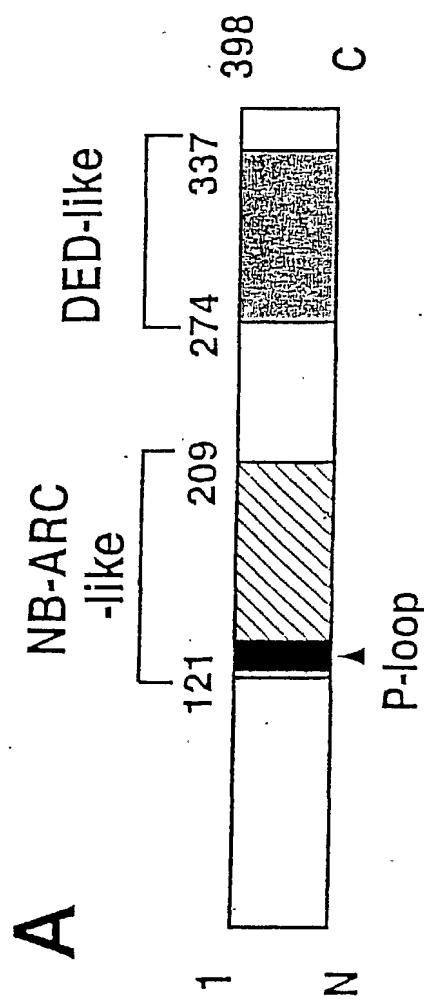


FIGURE 4A

Title NOVEL DEATH DOMAIN PROTEINS  
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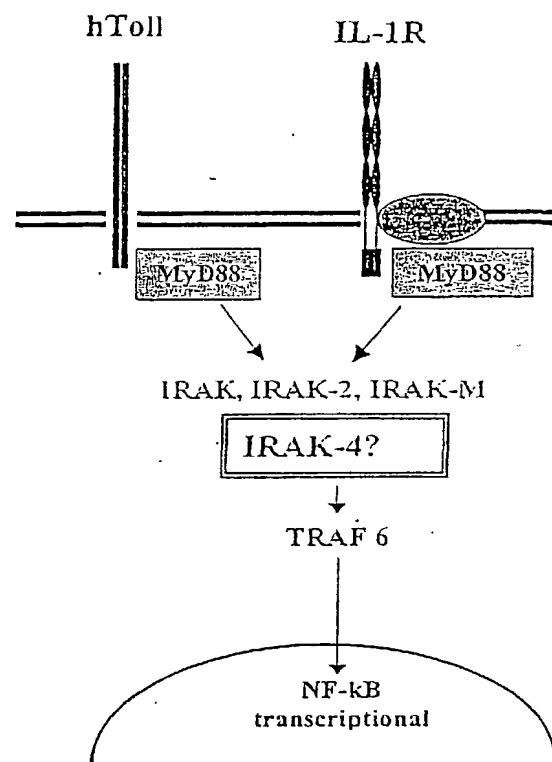
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FIGURE 4B,C

Title: NOVEL DEATH DOMAIN PROTEINS  
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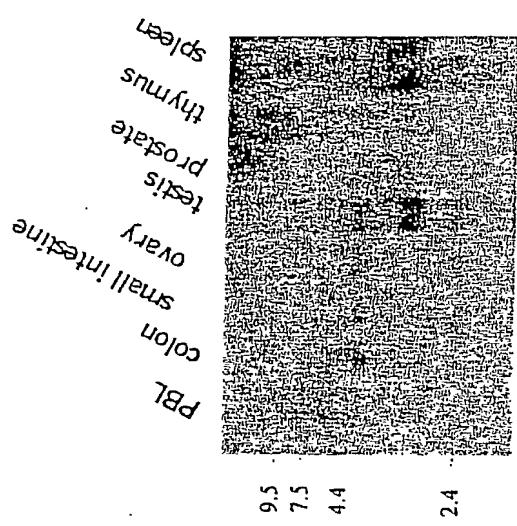
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**FIGURE 5**

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Filing Date: November 15, 2001  
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**FIGURE 6**

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## FIGURE 7

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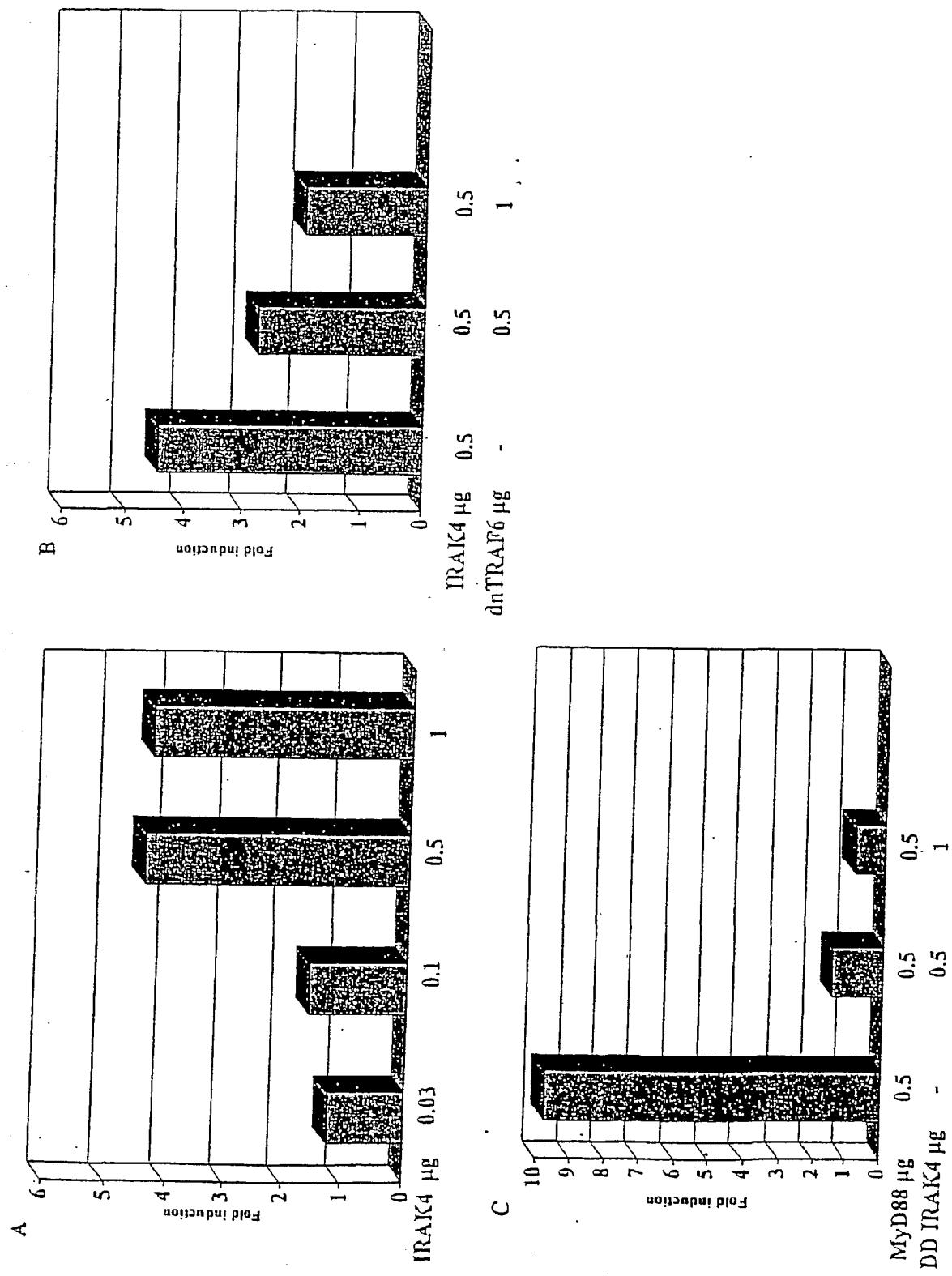


FIGURE 8

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Serial No: 10/001,254  
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DED\_4  
4758144\_hDEDD  
6755835\_mDEDD  
7673638\_fDedd1  
PDB\_FADD\_1A1Z

DED\_4  
4758144\_hDEDD  
6755835\_mDEDD  
7673638\_fDedd1  
PDB\_FADD\_1A1Z

DED\_4  
4758144\_hDEDD  
6755835\_mDEDD  
7673638\_fDedd1  
PDB\_FADD\_1A1Z

[REDACTED] PG  
[REDACTED] PG  
[REDACTED] PG  
[REDACTED] PG

AAGG [REDACTED] PG  
HE:G [REDACTED] PG  
HE:G [REDACTED] PG  
PEGSPQANTPCB [REDACTED] PG  
[REDACTED] PG

GOGL [REDACTED] PG  
[REDACTED] PG  
[REDACTED] PG  
[REDACTED] PG  
[REDACTED] PG

FIGURE 9

Title: NOVEL DEATH DOMAIN PROTEINS  
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a tgaacaaacc cataaacacca tcaacatatac tgcgctgcct caatgttggg ctaatttagga agctgtcaga  
ttttattgtat cctcaagaag gatggaaagaa gttagctgtat gctattaaaa aaccatctgg  
tgatgtataga tacaatcagt ttccacataaag gagatttggaa gcattacttc aaactggaaa  
aagtcccact tctgaattac tgtttgactg gggcaccaca aattgcacaaat ttgggtatct  
tggtggatctt ttgatccaaa atgaattttt tgctcctgcg agtcttttgc tccccagatgc  
tgttcccaaa actgctaata cactaccttc taaagaagct ataacagtcc agcaaaaaca  
gatgcctttc tgtgacaaag acaggacatt gatgacacct gtgcagaatc ttgaacaaag  
ctatatgcca cctgactcct caagtccaga aaataaaagt tttagaagtta gtgatacacg  
ttttcacagt ttttcatatcc atgaatttggaa gaatgtcaca aataacttttgc atgaacgacc  
cattttctgtt ggtggtaata aaatgggaga gggaggattt ggagttgtat ataaaggcta  
cgtaaataac acaactgtgg cagtgaagaa gcttgcagca atggttgaca ttactactga  
agaactgaaa cagcagtttgc atcaagaaaat aaaagtaatg gcaaagtgtc aacatgaaaaa  
tttagtagaa ctacttgggtt tctcaagtga tggagatgac ctctgcttag tatatgttta  
catgcctaat ggttcattgc tagacagact ctcttgccttgc gatggacttc caccactttc  
ttggcacaatg agatgcaaga ttgctcaggg tgcaagtttgc ggcataat ttctacatga  
aaatcatcat attcatagag atattaaaag tgcaaatatc ttactggatg aagttttac  
tgctaaaata tctgacttttgc gcttgcacg ggcttctgag aagtttgcgc agacagtcat  
gactagcaga attgtggaa caacagtttgc tatggcacca gaagctttgc gtggagaaat  
aacacccaaa tctgtatattt acagctttgg tgggttttgc cttagaaataa taactggact  
tccagctgtg gatgaacacc gtgaacctca gttatgtcta gatattaaag aagaaatttgc  
agatgaaagaa aagacaatttgc aagattttatc tgataaaaaag atgaatgttgc ctgattttc  
ttcagttgaa gctatgtact ctgtttgtatc tcaatgtctg catgaaaaga aaaataagag  
accagacatt aagaaggttc aacagctgttgc gcaagagatg acagcttttttgc aa

FIGURE 10A

Title: NOVEL DEATH DOMAIN PROTEINS

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MNKPITPSTYVRCLNVGLIRKLSDFIDPQEGWKKLAVAIIKKPSG  
DDRYNQFHIRRFEALLQTGKSPTSELLFDWGTTNCTVGDLVDLLIQNEFFAPASLLL  
DAVPKTANTLPSKEAITVQQKQMPFCDKDRTLMTPVQNLEQSYPDPSSSPENKSLEV  
SDTRFHSESFYELKNVTNNFDERPISVGGNKMGEFFFVYKGYVNNTTVAVKKLAAM  
VDITTEELKQQFDQEIKVMAKCQHENLVELLGFSSEGDDLCLVYVYMPNGSLLDRLSC  
LDGTPPPLSWHMRCKIAQGAANGINFLHENHHIHRDIKSANILLDEAFTAKISDEGLAR  
ASEKFAQTVMTSRIVGTTAYMAPEALRGEITPKSDIYSFGVVLLEIITGLPAVDEHRE  
PQLLDIKEEIEDEEKTIEDYIDKKMNDADSTSVEAMYSVASQCLHEKKKNRPDIKKV  
QQLLQEMTAS

**FIGURE 10B**

Title: NOVEL DEATH DOMAIN PROTEINS

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Death domains:

C. pneumoniae

DLWRQFALS LGVSEELANHEFSQAAQDMVATFRRLCDMPQLAVGLGALYTYEIQIPQVCVEKIR

C. muridarum

DLWKQFVFALGVSEELEAHEPSEAAKAKVATFMRWCTGDSLAAAGVAALYSYESQIPCVAKEKIR

C. psittaci

DLWKNFAYALGVTEELENHVPAAAQKKVDTFLRWCTGDSL SAGVAALYTYESQIPTVAETKIS

FIGURE 11A

Title: NOVEL DEATH DOMAIN PROTEINS

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GI:7190927

ORGANISM Chlamydia muridarum  
ORIGIN

1 mesrkgikey smnfldqlida iiqnkhmleh pfymkwskge ltkeqlqaya  
kdyylhikaf  
61 pkylsaihsr cddlearkll ldnlmdeeng ypnhidlwkq fvfalgvssse  
eleahespea  
121 akakvatfmr wctgdsllaag vaalysyesq ipcvakekir gleyfgfsn  
pedyayftek  
181 eeadvrhare ekaliemlsr ddsdkvleas revtqslygf ldsflepatic  
chchka

GI:7468151

ORGANISM Chlamydophila pneumoniae [Chlamydia pneumoniae]  
ORIGIN

1 mtswielldk qiedqhmlkh efyqrwsegk lekqqlqaya kdyylhikaf  
pcylsalhar  
61 cddlqirrqi lenlmdeeag npnhidlwrg falslgvsee elanhefsqa  
aqdmvatfr  
121 lcdmpqlavg lgalytyeiq ipqvcvekir glkeyfgvsr rgyayftvhq  
eadikhasee  
181 kemlqtlvgr enpdavlggs qevldtlwnf lssfinstep csck

**FIGURE 11B**

Title: NOVEL DEATH DOMAIN PROTEINS  
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6405 ttaagc tttgtgacaa  
6421 tgacaacatg ttgcaggctc taaaaatgaa tccaaaaaagc cgtataaaaga ttgtgttaact  
6481 tctcgcaag ctctaaaac tttgtcgcta tcatctctag acaacatctc aattaaggcc  
6541 ttttcttccc tagcatgacg cacatcaatct tcttcatgct ccgtgaaata agcataatct  
6601 tcaggattag aaaagccaaa gtactcaatc aatccacgaa tttttttttt agctacgcaa  
6661 ggaatttgac tttcataaga atacaaagcc gctactcctg ctgctaaaga atccccctgtg  
6721 caccacccgca taaatgtcg aaccttagct ttagctgctt cactgggttc atgagcttct  
6781 agctcttctg aagacactcc aagagcaaac acaaatttgtt tccataaatac aatatgatta  
6841 ggataaccat tctcttcatc cattaagttt tctataata acttgcgggc ttctaaatca  
6901 tcacaacccgca tatgaatagc agataaaatat tttggaaaag ctttgatatg caaatagtaa  
6961 tcttttgcgt atgcctgtaa ttgtttttt gtcaagctctc cttttgacca cttcatgtaa  
7021 aaagggtgtt ctaacatatg tttgttttga ataattgcat ctatgtatc taaaaaaattc  
7081 atgcctcacct ctttttatccc ttttcttgat tccac 7115

FIGURE 11C

Title: NOVEL DEATH DOMAIN PROTEINS  
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Myc-CTDD	+	-	+	-
Myc-XIAP	-	+	-	+
DR-5	+	+	-	-
Flag-Casp 9	-	-	+	+

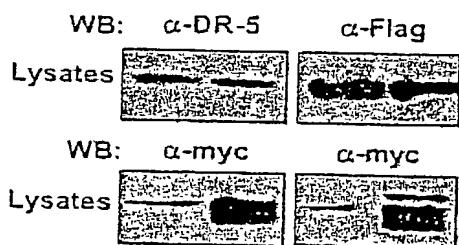
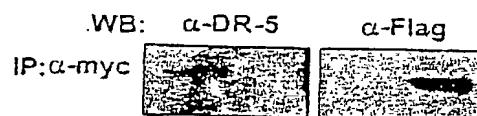
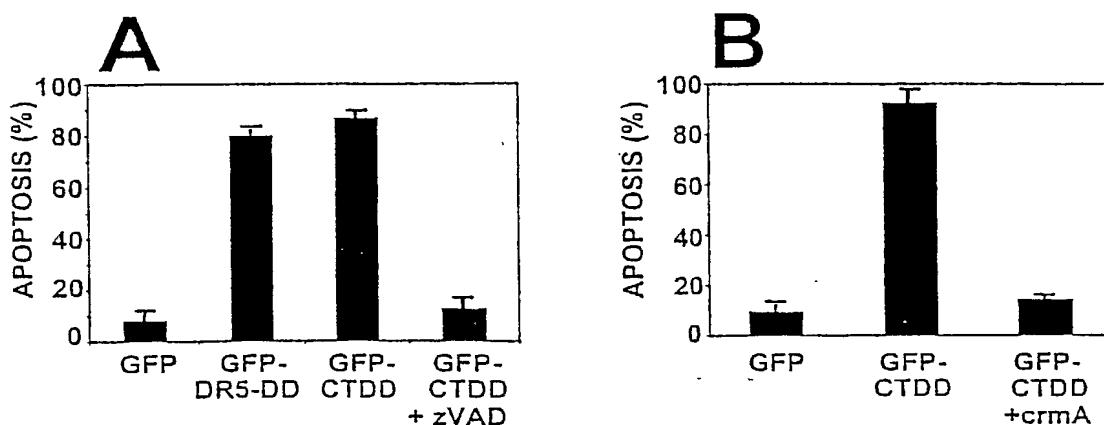
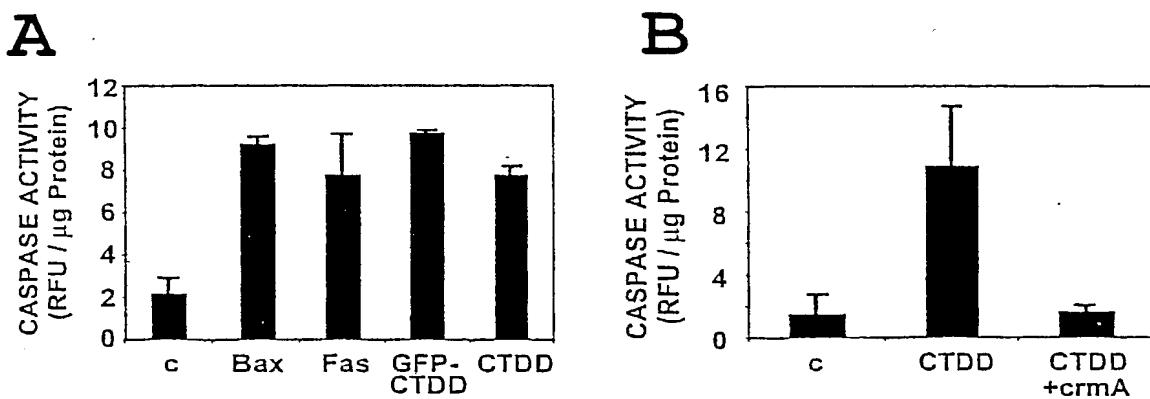


FIGURE 12

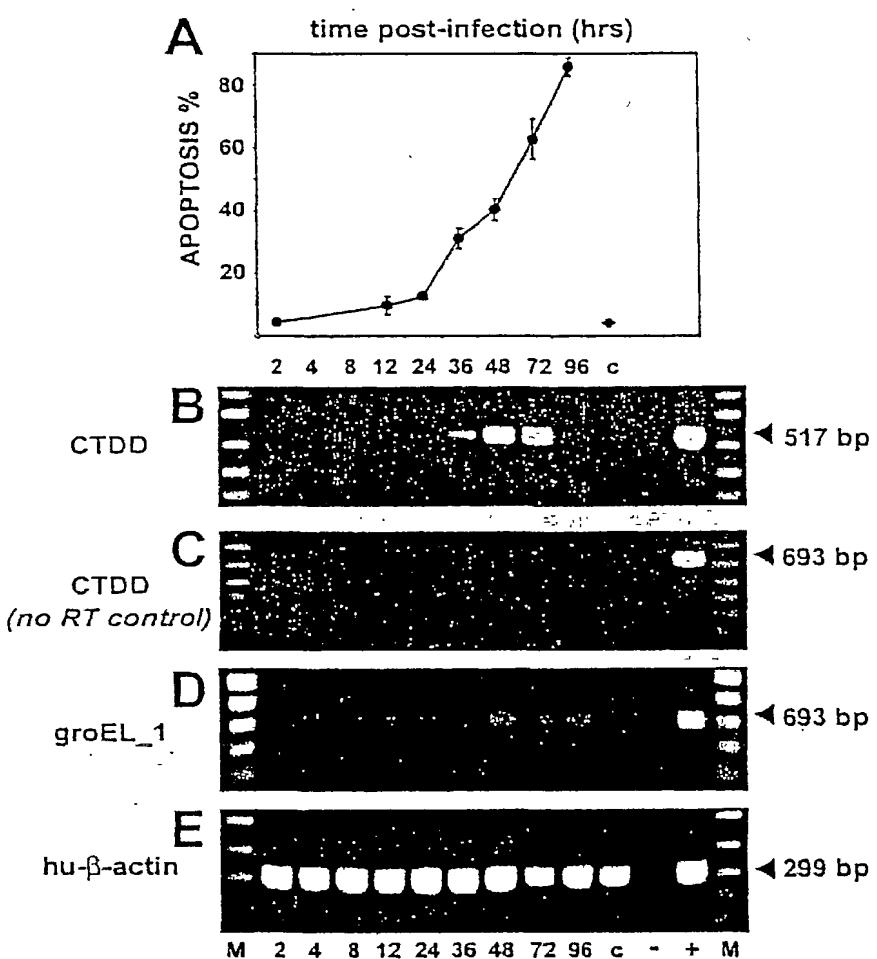
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**FIGURE 13**



**FIGURE 14**

**FIGURE 15**